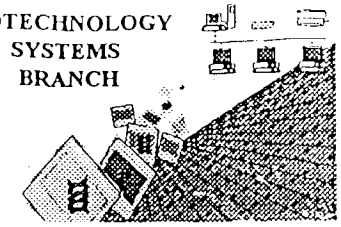
BIOTECHNOLOGY
SYSTEMS
BRANCH



RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/786,445
Source: IFW0
Date Processed by STIC: 3/8/04

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.
PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 703-308-4212; FAX: 703-308-4221
Effective 12/13/03: TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 4.1 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

http://www.uspto.gov/web/offices/pac/checker/chkr41note.htm

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.
Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom
Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<http://www.uspto.gov/ebc/efs/downloads/documents.htm> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry directly to (EFFECTIVE 12/01/03):
   U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202
4. Federal Express, United Parcel Service, or other delivery service to: U.S. Patent and Trademark Office, Box Sequence, Room 1B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202

Revised 10/08/03

Raw Sequence Listing Error Summary

ERROR DETECTED	SUGGESTED CORRECTION	SERIAL NUMBER: 10/786,445

ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE

1	Wrapped Nucleics Wrapped Aminos	The number/text at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor **after** creating it. Please adjust your right margin to .3; this will prevent "wrapping."
2	Invalid Line Length	The rules require that a line **not exceed** 72 characters in length. This includes white spaces.
3	Misaligned Amino Numbering	The numbering under each 5th amino acid is misaligned. Do **not** use tab codes between numbers; use **space characters**, instead.
4	Non-ASCII	The submitted file was **not** saved in ASCII(DOS) text, as **required** by the Sequence Rules. **Please ensure your subsequent submission is saved in ASCII text.**
5	Variable Length	Sequence(s) ___ contain n's or Xaa's representing more than one residue. **Per Sequence Rules, each n or Xaa can only represent a single residue.** Please present the **maximum** number of each residue having variable length and indicate in the <220>-<223> section that some may be missing.
6	PatentIn 2.0 "bug"	A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid sequences(s) _____. Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence. **This applies to the mandatory <220>-<223> sections for Artificial or Unknown sequences.**
7	Skipped Sequences (OLD RULES)	Sequence(s) _____ missing. If intentional, please insert the following lines for **each** skipped sequence: (2) INFORMATION FOR SEQ ID NO:X: (insert SEQ ID NO where "X" is shown) (i) SEQUENCE CHARACTERISTICS: (Do not insert any subheadings under this heading) (xi) SEQUENCE DESCRIPTION:SEQ ID NO:X: (insert SEQ ID NO where "X" is shown) This sequence is intentionally skipped Please also adjust the "(ii) NUMBER OF SEQUENCES:" response to **include** the skipped sequences.
8	Skipped Sequences (NEW RULES)	Sequence(s) _____ missing. If **intentional**, please insert the following lines for **each** skipped sequence. <210> sequence id number <400> sequence id number 000
9	Use of n's or Xaa's (NEW RULES)	Use of n's and/or Xaa's have been detected in the Sequence Listing. Per 1.823 of Sequence Rules, use of <220>-<223> is MANDATORY if n's or Xaa's are present. In <220> to <223> section, please explain location of **n** or **Xaa**, and which residue **n** or **Xaa** represents.
10	Invalid <213> Response	Per 1.823 of Sequence Rules, the only valid <213> responses are: Unknown, Artificial Sequence, or scientific name (Genus/species). <220>-<223> section is **required** when <213> response is Unknown or is Artificial Sequence
11	Use of <220>	Sequence(s) _____ missing the <220> "Feature" and associated numeric identifiers and responses. Use of <220> to <223> is MANDATORY if <213> "Organism" response is "Artificial Sequence" or "Unknown." Please explain source of genetic material in <220> to <223> section. (See "Federal Register," 07/01/1998, Vol. 63, No. 104, pp. 29631-32) (Sec. 1.823 of Sequence Rules)
12	PatentIn 2.0 "bug"	Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk.
13	Misuse of n/Xaa	"n" can only represent a single nucleotide; "Xaa" can only represent a single amino acid

IFWO

RAW SEQUENCE LISTING DATE: 03/08/2004
PATENT APPLICATION: **US/10/786,445** TIME: 15:16:40

Input Set : **A:\Sequence Listing - Docket No. 096429-9141.txt**
Output Set: **N:\CRF4\03082004\J786445.raw**

```
      3 <110> APPLICANT: Welch, Rodney A.
      4       Lathem, Wyndham W.
      5       Grys, Thomas E.
      7 <120> TITLE OF INVENTION: E. COLI O157:H7 C1-INH-BINDING PROTEIN AND METHODS OF USE
      9 <130> FILE REFERENCE: 096429-9141
C--> 11 <140> CURRENT APPLICATION NUMBER: US/10/786,445
     12 <141> CURRENT FILING DATE: 2004-02-25
     14 <150> PRIOR APPLICATION NUMBER: 10/002,309
     15 <151> PRIOR FILING DATE: 2001-10-26
     17 <150> PRIOR APPLICATION NUMBER: 60/243,675
     18 <151> PRIOR FILING DATE: 2000-10-26
     20 <160> NUMBER OF SEQ ID NOS: 25
     22 <170> SOFTWARE: PatentIn version 3.1
     24 <210> SEQ ID NO: 1
     25 <211> LENGTH: 2798
     26 <212> TYPE: DNA
     27 <213> ORGANISM: Unknown
     29 <220> FEATURE:
     30 <223> OTHER INFORMATION: Description of Unknown Organism: E. coli O157:H7 plasmid
pO157
     32 <220> FEATURE:
     33 <221> NAME/KEY: CDS
     34 <222> LOCATION: (138)..(2798)
     35 <223> OTHER INFORMATION:
W--> 38 <400> 1
     39 tttacgaaac aggtgtaaat atgttataaa aataaccaac gactagtgaa taagtcgctc     60
     41 ctgaaaaaat aaaatatagа aatactgtta tatccggctg catgaacact aaaatgaatg    120
     43 agagatggag aacaccg atg aaa tta aag tat ctg tca tgt acg atc ctt       170
     44                    Met Lys Leu Lys Tyr Leu Ser Cys Thr Ile Leu
     45                    1               5                   10
     47 gcc cct ctg gcg att ggg gta ttt tct gca aca gct gct gat aat aat      218
     48 Ala Pro Leu Ala Ile Gly Val Phe Ser Ala Thr Ala Ala Asp Asn Asn
     49             15                  20                  25
     51 tca gcc att tat ttc aat acc tcc cag cct ata aat gat ctg cag ggt      266
     52 Ser Ala Ile Tyr Phe Asn Thr Ser Gln Pro Ile Asn Asp Leu Gln Gly
     53         30                  35                  40
     55 tcg ttg gcc gca gag gtg aaa ttt gca caa agc cag att tta ccc gcc      314
     56 Ser Leu Ala Ala Glu Val Lys Phe Ala Gln Ser Gln Ile Leu Pro Ala
     57     45                  50                  55
     59 cat cct aaa gaa ggg gat agt caa cca cat ctg acc agc ctg cgg aaa      362
     60 His Pro Lys Glu Gly Asp Ser Gln Pro His Leu Thr Ser Leu Arg Lys
     61 60                  65                  70                  75
     63 agt ctg ctg ctt gtc cgt ccg gtg aaa gct gat gat aaa aca cct gtt      410
     64 Ser Leu Leu Leu Val Arg Pro Val Lys Ala Asp Asp Lys Thr Pro Val
```

Does Not Comply
Corrected Diskette Needed
(pg. 7)

RAW SEQUENCE LISTING DATE: 03/08/2004
PATENT APPLICATION: **US/10/786,445** TIME: 15:16:40

Input Set : **A:\Sequence Listing - Docket No. 096429-9141.txt**
Output Set: **N:\CRF4\03082004\J786445.raw**

```
65                  80                  85                  90
67 cag gtg gaa gcc cgc gat gat aat aat aaa att ctc ggt acg tta acc      458
68 Gln Val Glu Ala Arg Asp Asp Asn Asn Lys Ile Leu Gly Thr Leu Thr
69              95                  100                 105
71 ctt tat cct cct tca tca cta ccg gat aca atc tac cat ctg gat ggt      506
72 Leu Tyr Pro Pro Ser Ser Leu Pro Asp Thr Ile Tyr His Leu Asp Gly
73          110                 115                 120
75 gtt ccg gaa ggt ggt atc gat ttc aca cct cat aat gga acg aaa aag      554
76 Val Pro Glu Gly Gly Ile Asp Phe Thr Pro His Asn Gly Thr Lys Lys
77      125                 130                 135
79 atc att aat acg gtg gct gaa gta aac aaa ctc agt gat gcc agc ggg      602
80 Ile Ile Asn Thr Val Ala Glu Val Asn Lys Leu Ser Asp Ala Ser Gly
81 140                 145                 150                 155
83 agt tct att cat agc cat cta aca aat aat gca ctg gtg gag atc cat      650
84 Ser Ser Ile His Ser His Leu Thr Asn Asn Ala Leu Val Glu Ile His
85                  160                 165                 170
87 act gca aat ggt cgt tgg gta aga gac att tat ctg ccg cag gga ccc      698
88 Thr Ala Asn Gly Arg Trp Val Arg Asp Ile Tyr Leu Pro Gln Gly Pro
89              175                 180                 185
91 gac ctt gaa ggt aag atg gtt cgc ttt gtt tcg tct gca ggc tat agt      746
92 Asp Leu Glu Gly Lys Met Val Arg Phe Val Ser Ser Ala Gly Tyr Ser
93          190                 195                 200
95 tca acg gtt ttt tat ggt gat cga aaa gtc aca ctc tcg gtg ggt aac      794
96 Ser Thr Val Phe Tyr Gly Asp Arg Lys Val Thr Leu Ser Val Gly Asn
97      205                 210                 215
99 act ctt ctg ttc aaa tat gta aat ggt cag tgg ttc cgc tcc ggt gaa      842
100 Thr Leu Leu Phe Lys Tyr Val Asn Gly Gln Trp Phe Arg Ser Gly Glu
101 220                 225                 230                 235
103 ctg gag aat aat cga atc act tat gct cag cat att tgg agt gct gaa      890
104 Leu Glu Asn Asn Arg Ile Thr Tyr Ala Gln His Ile Trp Ser Ala Glu
105                 240                 245                 250
107 ctg cct gcg cac tgg atc gtg cct ggt tta aac ttg gtg att aaa cag      938
108 Leu Pro Ala His Trp Ile Val Pro Gly Leu Asn Leu Val Ile Lys Gln
109             255                 260                 265
111 ggc aat ctg agc ggt cgc cta aat gat atc aag att gga gca ccg ggt      986
112 Gly Asn Leu Ser Gly Arg Leu Asn Asp Ile Lys Ile Gly Ala Pro Gly
113         270                 275                 280
115 gag ctg ttg ttg cat aca att gat atc ggg atg ttg acc act ccc cgg     1034
116 Glu Leu Leu Leu His Thr Ile Asp Ile Gly Met Leu Thr Thr Pro Arg
117     285                 290                 295
119 gat cgc ttt gat ttt gcc aaa gac aaa gaa gca cat agg gaa tat ttc     1082
120 Asp Arg Phe Asp Phe Ala Lys Asp Lys Glu Ala His Arg Glu Tyr Phe
121 300                 305                 310                 315
123 cag acc att cct gta agt cgt atg att gtt aat aat tat gcg cct cta     1130
124 Gln Thr Ile Pro Val Ser Arg Met Ile Val Asn Asn Tyr Ala Pro Leu
125                 320                 325                 330
127 cac cta aag gaa gtt atg tta cca acc gga gag tta ttg aca gat atg     1178
128 His Leu Lys Glu Val Met Leu Pro Thr Gly Glu Leu Leu Thr Asp Met
129             335                 340                 345
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RAW SEQUENCE LISTING DATE: 03/08/2004
PATENT APPLICATION: **US/10/786,445** TIME: 15:16:40

Input Set : **A:\Sequence Listing - Docket No. 096429-9141.txt**
Output Set: **N:\CRF4\03082004\J786445.raw**

```
131 gat cca gga aat ggt ggg tgg cat agt ggt aca atg cgt caa aga ata     1226
132 Asp Pro Gly Asn Gly Gly Trp His Ser Gly Thr Met Arg Gln Arg Ile
133         350                 355                 360
135 ggt aaa gaa ttg gtt tcg cat ggc att gat aat gct aac tat ggt tta     1274
136 Gly Lys Glu Leu Val Ser His Gly Ile Asp Asn Ala Asn Tyr Gly Leu
137     365                 370                 375
139 aat agt acc gca ggc tta ggg gag aat agt cat cca tat gta gtt gcg     1322
140 Asn Ser Thr Ala Gly Leu Gly Glu Asn Ser His Pro Tyr Val Val Ala
141 380                 385                 390                 395
143 caa tta gcg gca cat aat agc cgc ggt aat tat gct aat ggc atc cag     1370
144 Gln Leu Ala Ala His Asn Ser Arg Gly Asn Tyr Ala Asn Gly Ile Gln
145                 400                 405                 410
147 gtt cat ggt ggc tcc gga ggt ggg gga att gtt act tta gat tcc aca     1418
148 Val His Gly Gly Ser Gly Gly Gly Gly Ile Val Thr Leu Asp Ser Thr
149             415                 420                 425
151 ttg ggg aat gag ttc agt cat gaa gtt ggt cat aat tat ggt ctt ggt     1466
152 Leu Gly Asn Glu Phe Ser His Glu Val Gly His Asn Tyr Gly Leu Gly
153         430                 435                 440
155 cat tat gta gat ggt ttc aag ggt tct gta cat cgt agt gca gaa aat     1514
156 His Tyr Val Asp Gly Phe Lys Gly Ser Val His Arg Ser Ala Glu Asn
157     445                 450                 455
159 aac aac tca act tgg gga tgg gat ggt gat aaa aaa cgg ttt att cct     1562
160 Asn Asn Ser Thr Trp Gly Trp Asp Gly Asp Lys Lys Arg Phe Ile Pro
161 460                 465                 470                 475
163 aac ttt tat ccg tct caa aca aat gaa aag agt tgt ctg aat aat cag     1610
164 Asn Phe Tyr Pro Ser Gln Thr Asn Glu Lys Ser Cys Leu Asn Asn Gln
165                 480                 485                 490
167 tgt caa gaa ccg ttt gat gga cac aaa ttt ggt ttt gac gcc atg gcg     1658
168 Cys Gln Glu Pro Phe Asp Gly His Lys Phe Gly Phe Asp Ala Met Ala
169             495                 500                 505
171 gga ggc agc cct ttc tct gct gca aac cgt ttc aca atg tat act ccg     1706
172 Gly Gly Ser Pro Phe Ser Ala Ala Asn Arg Phe Thr Met Tyr Thr Pro
173         510                 515                 520
175 aat tca tcg gct atc atc cag cgt ttt ttt gaa aat aaa gct gtg ttc     1754
176 Asn Ser Ser Ala Ile Ile Gln Arg Phe Phe Glu Asn Lys Ala Val Phe
177     525                 530                 535
179 gat agc cgt tcc tcc acc ggc ttc agc aag tgg aat gca gat acg cag     1802
180 Asp Ser Arg Ser Ser Thr Gly Phe Ser Lys Trp Asn Ala Asp Thr Gln
181 540                 545                 550                 555
183 gaa atg gaa ccg tat gaa cac acc att gac cgt gcg gag cag att acg     1850
184 Glu Met Glu Pro Tyr Glu His Thr Ile Asp Arg Ala Glu Gln Ile Thr
185                 560                 565                 570
187 gct tca gtc aat gag cta agt gaa agc aaa atg gct gag ctg atg gca     1898
188 Ala Ser Val Asn Glu Leu Ser Glu Ser Lys Met Ala Glu Leu Met Ala
189             575                 580                 585
191 gag tac gct gtc gtc aaa gtg cat atg tgg aac ggt aac tgg aca aga     1946
192 Glu Tyr Ala Val Val Lys Val His Met Trp Asn Gly Asn Trp Thr Arg
193         590                 595                 600
195 aac atc tat atc cct aca gcc tcc gca gat aat aga ggc agt atc ctg     1994
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RAW SEQUENCE LISTING DATE: 03/08/2004
PATENT APPLICATION: **US/10/786,445** TIME: 15:16:40

Input Set : **A:\Sequence Listing - Docket No. 096429-9141.txt**
Output Set: **N:\CRF4\03082004\J786445.raw**

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196 Asn Ile Tyr Ile Pro Thr Ala Ser Ala Asp Asn Arg Gly Ser Ile Leu
197     605                 610                 615
199 acc atc aac cat gag gcc ggt tat aat agt tat ctg ttt ata aat ggt     2042
200 Thr Ile Asn His Glu Ala Gly Tyr Asn Ser Tyr Leu Phe Ile Asn Gly
201 620                 625                 630                 635
203 gac gaa aag gtc gtt tcc cag ggg tat aaa aag agc ttt gtt tcc gat     2090
204 Asp Glu Lys Val Val Ser Gln Gly Tyr Lys Lys Ser Phe Val Ser Asp
205                 640                 645                 650
207 ggt cag ttc tgg aaa gaa cgt gat gtg gtt gat act cgt gaa gcg cgt     2138
208 Gly Gln Phe Trp Lys Glu Arg Asp Val Val Asp Thr Arg Glu Ala Arg
209             655                 660                 665
211 aag cca gag cag ttt ggt gtt cct gtg acg acc ctg gtg ggg tat tac     2186
212 Lys Pro Glu Gln Phe Gly Val Pro Val Thr Thr Leu Val Gly Tyr Tyr
213         670                 675                 680
215 gat ccg gaa ggc acg ctg tca agc tac atc tat cct gcg atg tat ggt     2234
216 Asp Pro Glu Gly Thr Leu Ser Ser Tyr Ile Tyr Pro Ala Met Tyr Gly
217     685                 690                 695
219 gcc tat ggc ttc act tat tcc gat gat agt cag aat cta tcc gat aac     2282
220 Ala Tyr Gly Phe Thr Tyr Ser Asp Asp Ser Gln Asn Leu Ser Asp Asn
221 700                 705                 710                 715
223 gac tgc cag ctg cag gtg gat acg aaa gaa ggg cag ttg cga ttc aga     2330
224 Asp Cys Gln Leu Gln Val Asp Thr Lys Glu Gly Gln Leu Arg Phe Arg
225                 720                 725                 730
227 ctg gct aat cac cgg gct aac aac act gta atg aat aag ttc cat att     2378
228 Leu Ala Asn His Arg Ala Asn Asn Thr Val Met Asn Lys Phe His Ile
229             735                 740                 745
231 aac gtg cca aca gaa agt cag ccc aca cag gcc aca ttg gtt tgc aat     2426
232 Asn Val Pro Thr Glu Ser Gln Pro Thr Gln Ala Thr Leu Val Cys Asn
233         750                 755                 760
235 aac aag ata ctg gat acc aaa tcg ctc aca cct gcg cca gaa gga ctt     2474
236 Asn Lys Ile Leu Asp Thr Lys Ser Leu Thr Pro Ala Pro Glu Gly Leu
237     765                 770                 775
239 acc tat act gta aat ggg cag gca ctt cca gca aaa gaa aac gag gga     2522
240 Thr Tyr Thr Val Asn Gly Gln Ala Leu Pro Ala Lys Glu Asn Glu Gly
241 780                 785                 790                 795
243 tgc atc gtg tcc gtg aat tca ggt aaa cgt tac tgt ttg ccg gtt ggt     2570
244 Cys Ile Val Ser Val Asn Ser Gly Lys Arg Tyr Cys Leu Pro Val Gly
245                 800                 805                 810
247 caa cgg tca gga tat agc ctt cct gac tgg att gtt ggg cag gaa gtc     2618
248 Gln Arg Ser Gly Tyr Ser Leu Pro Asp Trp Ile Val Gly Gln Glu Val
249             815                 820                 825
251 tat gtc gac agc ggg gct aaa gcg aaa gtg ctg ctt tct gac tgg gat     2666
252 Tyr Val Asp Ser Gly Ala Lys Ala Lys Val Leu Leu Ser Asp Trp Asp
253         830                 835                 840
255 aac ctg tcc tat aac agg att ggt gag ttt gta ggt aat gtg aac cca     2714
256 Asn Leu Ser Tyr Asn Arg Ile Gly Glu Phe Val Gly Asn Val Asn Pro
257     845                 850                 855
259 gct gat atg aaa aaa gtt aaa gcc tgg aac gga cag tat ttg gac ttc     2762
260 Ala Asp Met Lys Lys Val Lys Ala Trp Asn Gly Gln Tyr Leu Asp Phe
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RAW SEQUENCE LISTING DATE: 03/08/2004
PATENT APPLICATION: US/10/786,445 TIME: 15:16:40

Input Set : A:\Sequence Listing - Docket No. 096429-9141.txt
Output Set: N:\CRF4\03082004\J786445.raw

```
261 860                 865                 870                 875
263 agt aaa cct agg tca atg agg gtt gta tat aaa taa                 2798
264 Ser Lys Pro Arg Ser Met Arg Val Val Tyr Lys
265             880                 885
268 <210> SEQ ID NO: 2
269 <211> LENGTH: 886
270 <212> TYPE: PRT
271 <213> ORGANISM: Unknown
273 <220> FEATURE:
274 <223> OTHER INFORMATION: Description of Unknown Organism: E. coli O157:H7 plasmid
pO157
276 <400> SEQUENCE: 2
278 Met Lys Leu Lys Tyr Leu Ser Cys Thr Ile Leu Ala Pro Leu Ala Ile
279 1               5                   10                  15
282 Gly Val Phe Ser Ala Thr Ala Ala Asp Asn Asn Ser Ala Ile Tyr Phe
283             20                  25                  30
286 Asn Thr Ser Gln Pro Ile Asn Asp Leu Gln Gly Ser Leu Ala Ala Glu
287         35                  40                  45
290 Val Lys Phe Ala Gln Ser Gln Ile Leu Pro Ala His Pro Lys Glu Gly
291     50                  55                  60
294 Asp Ser Gln Pro His Leu Thr Ser Leu Arg Lys Ser Leu Leu Leu Val
295 65                  70                  75                  80
298 Arg Pro Val Lys Ala Asp Asp Lys Thr Pro Val Gln Val Glu Ala Arg
299                 85                  90                  95
302 Asp Asp Asn Asn Lys Ile Leu Gly Thr Leu Thr Leu Tyr Pro Pro Ser
303             100                 105                 110
306 Ser Leu Pro Asp Thr Ile Tyr His Leu Asp Gly Val Pro Glu Gly Gly
307         115                 120                 125
310 Ile Asp Phe Thr Pro His Asn Gly Thr Lys Lys Ile Ile Asn Thr Val
311     130                 135                 140
314 Ala Glu Val Asn Lys Leu Ser Asp Ala Ser Gly Ser Ser Ile His Ser
315 145                 150                 155                 160
318 His Leu Thr Asn Asn Ala Leu Val Glu Ile His Thr Ala Asn Gly Arg
319                 165                 170                 175
322 Trp Val Arg Asp Ile Tyr Leu Pro Gln Gly Pro Asp Leu Glu Gly Lys
323             180                 185                 190
326 Met Val Arg Phe Val Ser Ser Ala Gly Tyr Ser Ser Thr Val Phe Tyr
327         195                 200                 205
330 Gly Asp Arg Lys Val Thr Leu Ser Val Gly Asn Thr Leu Leu Phe Lys
331     210                 215                 220
334 Tyr Val Asn Gly Gln Trp Phe Arg Ser Gly Glu Leu Glu Asn Asn Arg
335 225                 230                 235                 240
338 Ile Thr Tyr Ala Gln His Ile Trp Ser Ala Glu Leu Pro Ala His Trp
339                 245                 250                 255
342 Ile Val Pro Gly Leu Asn Leu Val Ile Lys Gln Gly Asn Leu Ser Gly
343             260                 265                 270
346 Arg Leu Asn Asp Ile Lys Ile Gly Ala Pro Gly Glu Leu Leu Leu His
347         275                 280                 285
350 Thr Ile Asp Ile Gly Met Leu Thr Thr Pro Arg Asp Arg Phe Asp Phe
351     290                 295                 300
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VERIFICATION SUMMARY DATE: 03/08/2004
PATENT APPLICATION: **US/10/786,445** TIME: 15:16:41

Input Set : **A:\Sequence Listing - Docket No. 096429-9141.txt**
Output Set: **N:\CRF4\03082004\J786445.raw**

L:11 M:270 C: Current Application Number differs, Replaced Current Application Number
L:38 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:1,Line#:35
L:658 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:18,Line#:655

<210> SEQ ID NO 4
<211> LENGTH: 28
<212> TYPE: DNA
<213> ORGANISM: Synthetic Oligonucleotide
<400> SEQUENCE: 4
ccctcgagtt tacgaaacag gtgtaaat 28

<223>

Per new Sequence Rules, <213> response has to be either ARTIFICIAL/Unknown or Genus/Species. Please see item # 10 on error Summary Sheet.

The type of errors shown exist throughout the Sequence Listing. Please check subsequent sequences for similar errors.